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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/942,974	08/31/2001	Frederick J. Cassels		7956
7590	02/11/2004		EXAMINER	
Elizabeth Arwine Patent Attorney U.S. Army Medical Research & Materiel Command 504 Scott Street Fort Detrick, MD 21702-5012			GITOMER, RALPH J	
			ART UNIT	PAPER NUMBER
			1651	
			DATE MAILED: 02/11/2004	

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/942,974	Applicant(s) CASSELS ET AL.
	Examiner Ralph Gitomer	Art Unit 1651

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 31 December 2003.

2a) This action is **FINAL**. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-8 is/are pending in the application.
4a) Of the above claim(s) 3 and 8 is/are withdrawn from consideration.
5) Claim(s) _____ is/are allowed.
6) Claim(s) 1,2 and 4-7 is/are rejected.
7) Claim(s) _____ is/are objected to.
8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) All b) Some * c) None of:
1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) Notice of References Cited (PTO-892)
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
 Paper No(s)/Mail Date _____
4) Interview Summary (PTO-413)
 Paper No(s)/Mail Date. _____
5) Notice of Informal Patent Application (PTO-152)
6) Other: _____

Applicant's election with traverse of Group I, claims 1, 2, 4-8 in Paper No. 5 is acknowledged. The traversal is on the ground(s) that it would not place an undue burden on the examiner. This is not found persuasive because the inventions are independent and distinct.

The requirement is still deemed proper and is therefore made FINAL.

This application is filed as a CIP of 09/580,385. Please inform the examiner as to how the present case differs from the parent to properly apply the correct priority date to the claims and update the specification regarding the related cases.

As presented, it is noted no claim 7 is found and the claims have now been renumbered according to rule 1.26 so claims 1, 2, 4-7 are considered here.

Please inform the examiner of any related cases and appropriately update the specification accordingly. Priority is claimed to 5/2/97. Claims 1-6, 8, 9 are currently pending in this application.

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 2, 4-7 are rejected under 35 U.S.C. 102(b) as being anticipated by Cassels.

A careful reading of the specification and claims does not reveal a specific singular invention for a search. All the steps of claim 1 are entirely standard for their stated function. Therefore, it would appear to the examiner that the intended invention may be solubilizing *E. coli* fimbria with hexafluoroisopropanol which has been acidified with a volatile acid and this is the feature which has been searched and considered. Should other features of the specification be considered an invention, an election of species and/or restriction may be required.

Cassels (ASM General Meeting) entitled "Absolute Molecular Weight Determination of *E. coli* Fimbrial Major Subunits" teaches in the abstract, purified fimbriae were suspended in 50% hexafluoroisopropanol and 1% acetic acid.

All the features of the claims are taught by the above reference for the same function.

It is noted the above reference has a different inventive entity from the present application and a date of 1993. Priority is currently claimed in this application to 5/2/1997.

Claims 1, 2, 4-7 are rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

The claims must be properly renumbered in consecutive order. Claim 1 is directed to identifying bacterial colonization factors but lacks any correlation step to do so.

This application does not contain an abstract of the disclosure as required by 37 CFR 1.72(b). An abstract on a separate sheet is required.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Jensen (Rapid Communications in Mass Spectrometry) teaches solvents for detecting E. coli.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ralph Gitomer whose telephone number is (571) 272-0916. The examiner can normally be reached on Monday - Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Wityshyn can be reached on (571) 272-0926. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

R. Gitomer

Ralph Gitomer
Primary Examiner
Art Unit 1651

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